

Re: Animas**Andrew_Longworth** to: Forrest.Sabrina

11/22/2010 10:24 AM

From: Andrew_Longworth@URSCorp.com

To:

Cc: "Megan Dudevoir" <Megan_Dudevoir@URSCorp.com>, Way.Steven@epamail.epa.gov

Sabrina,

Here are two examples of possible data presentations:

I have plotted November data as it is a consistent data set across the highest number of years, meaning that we can present the data without too much manipulation.

Steve said he wanted a line graph, the best way to do this is to smooth the data with a 3rd order regression. However the data from before and after treatment plant closure are really from different data populations and it is not necessary accurate to plot them as being connected.

The Zinc chart shows a jump after 2003, but the data from 1999 and 2000 tends to diminish the validity of this jump, I am hoping that the data from 2005 to 2009 would provide a more robust distinction between the data sets.

Thanks,

ANDREW LONGWORTH

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Forrest.Sabrina@epamail.epa.gov

11/22/2010 09:33 AM

To: Andrew_Longworth@URSCorp.com

cc: "Megan Dudevoir" <Megan_Dudevoir@URSCorp.com>, Way.Steven@epamail.epa.gov

Subject: Re: Animas

Can you send us something to look at? Then maybe I can talk with the ARSG to see what they have that is not in their public database that could help.

Sincerely,

Sabrina Forrest

NPL Coordinator &

Site Assessment Manager

U.S. Environmental Protection Agency

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From: Andrew_Longworth@URSCorp.com
To: Steven Way/R8/USEPA/US@EPA, Sabrina Forrest/R8/USEPA/US@EPA, "Megan Dudevoir" <Megan_Dudevoir@URSCorp.com>
Date: 11/22/2010 09:23 AM
Subject: Animas

Steve/Sabrina

I crunched the data last Friday, it looks like we have good coverage for the time before the treatment plant shut down but the data gap from 04 to 09 is quite glaring. It makes it hard to draw conclusions and/or identify trends within the data. Is there any way we can get the data for this time period?

Thanks
Andrew



Zinc3rdOrder.pdf



CadmiumBar.pdf